

REMARKS

Applicant respectfully requests that the foregoing amendments be made prior to examination of the present application.

In the specification, a paragraph has been added on page 1.

Claims 1, 4-6, 8-13 and 15-22 are currently being amended.

This amendment changes claims in this application. A detailed listing of all claims that are in the application is presented with an appropriate defined status identifier.

Claims 1-22 are pending in the application.

Applicant believes that the present application is now in condition for allowance. Favorable consideration of the application as amended is respectfully requested.

The Examiner is invited to contact the undersigned by telephone if it is felt that a telephone interview would advance the prosecution of the present application.

Respectfully submitted,

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By _____

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ABSTRACT

A method of manufacturing an oxide superconducting wire according to the present invention comprises a step of preparing a wire formed by covering raw material powder of an oxide superconductor with a metal and a heat treatment step of heat-treating the wire in a pressurized atmosphere having a total pressure of at least 1 MPa and less than 50 MPa in the heat treatment. At a heat-up time before the heat treatment in the heat treatment step, pressurization is started from a temperature reducing 0.2 % yield strength of the metal below the total pressure in the heat treatment. Thus, formation of voids between oxide superconducting crystals and blisters of the oxide superconducting wire is suppressed while the partial oxygen pressure can be readily controlled in the heat treatment, whereby the critical current density can be improved.